# COMMUNICATIONS S

# **Federal Communications Commission**

Approved by OMB 3060-0999 See instructions for public burden estimate.

# **Hearing Aid Compatibility Status Report (FCC Form 655)**

Reporting Period: January 1, 2017 - December 31, 2017 Filing Confirmation Number: 0008060969

Filing Deadline: January 16, 2018 FRN: 0002574861

Filing Date: 01/12/2018 04:15 PM

## **General Report Information**

## **Type of Company**

Service Provider

## **De Minimis Exception**

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? Yes

Were you a small entity at any time during the three years prior to the end of the reporting period?

Date that you ceased to be a small entity?

#### **Company Information**

Company Name: Bernard Communications, Inc.

Brand Names: iWireless

PO Box: 68

Street Address: 110 Jess Street

City: Bernard State: IA

Zip Code: 52032

Contact Name: Kyle Manders
Contact Phone: (563) 879-3203
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Contact Email: kyle@bernardtel.com

#### **Filing Agent**

Is this report being filed by an agent on behalf of a manufacturer or service provider? Yes

Agent Name: Interstate Telcom Consulting, Inc.

PO Box:

Street Address: 130 Birch Avenue West

City: Hector State: MN

Zip Code: 55342

Contact Name: Roxi Hacker Contact Phone: (320) 848-6641

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#### **Product Labeling**

Do all hearing aid-compatible handsets include labeling? No

Explain: All compliant headsets were labeled in accordance with the requirements except: Samsung Galaxy J7, Samsung Galaxy S6, Samsung Galaxy J2 Prime, Samsung Galaxy J7 6, Samsung Galaxy S7 Edge, Hyundai E435 and ZTE Nubia 5.

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are capable of voice communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007, include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operation?

Yes

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19-2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)?

Yes

Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

Yes

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

#### **Public Website**

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels.

No

Website address:

Explain: The Company is is a small rural carrier that does not have the resources to maintain an extensive website. Customers are provided a link to i-wireless website at: http://www.iwireless.com

#### **Consumer Outreach**

Describe consumer outreach efforts in the past 12 months: Brochures, relevant materials and qualified customer service on an as-needed basis. All customers are also referred to i-Wireless.

#### Methodology for Functionality Levels

Each Handset model is described by its capabilities regarding features and functionality. The categories include:

- 1. Basic entry level offered for low cost or free
- 2. Feature more advanced capabilities and storage
- 3. Smartphones/PDA run complete operating system software as a platform for application developers

## **Report Remarks**

You have reported the following handset model summary information.

Total number of handsets offered: 22

Air Interface	Fully Hearing Aid Compatible Number Percent		Acoustic Coupling Compatible Only Number Percent		Non-Compliant Handsets Number Percent		Total by Air Interface
GSM	16	73%	2	9%	4	18%	22
WCDMA	16	73%	2	9%	4	18%	22
LTE	14	82%	2	12%	1	6%	17
Wi-Fi	16	76%	2	10%	3	14%	21

## Handset 1: Alcatel 875T

## **Handset Maker**

Alcatel

Handset Model Name FCC ID

875T RAD296

## Air Interfaces/Frequency Bands

1700 MHz WCDMA 1900 MHz GSM 2.4 GHz Wi-Fi

## **Dates**

This handset model was offered from: 11/13 to 11/17

M-Rating: M3 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Feature

#### Remarks

## Handset 2: Alcatel FIERCE 7024R

#### **Handset Maker**

Alcatel

Handset Model Name FCC ID

FIERCE 7024R RAD386

#### Air Interfaces/Frequency Bands

1700 MHz WCDMA 1900 MHz GSM 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 12/14 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

#### Remarks

# Handset 3: Apple iPhone 5C 16GB

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 5C 16GB BCG-E2644A

## Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 12/13 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

#### Remarks

# Handset 4: Apple iPhone 5s

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 5s BCG-E2642A

## Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 12/13 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

#### Remarks

# Handset 5: Apple iPhone 6

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 6 BCG-E2816A

#### Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE 2.4 GHz Wi-Fi

## **Dates**

This handset model was offered from: 09/14 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

# Handset 6: Apple iPhone 6+

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 6+ BCG-E2817A

## Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE 2.4 GHz Wi-Fi

## **Dates**

This handset model was offered from: 09/14 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

## Remarks

# Handset 7: Apple IPHONE 6S

## **Handset Maker**

Apple

Handset Model Name FCC ID

IPHONE 6S BCG-E2946A

## Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE

1900 MHz GSM

1900 MHz LTE

2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 09/15 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

#### Remarks

# Handset 8: Apple IPHONE 6S PLUS

#### **Handset Maker**

Apple

Handset Model Name FCC ID

IPHONE 6S PLUS BCG-E2944A

## Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM

1900 MHz LTE

2.4 GHz Wi-Fi

## **Dates**

This handset model was offered from: 09/15 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

#### **Functionality Level**

Smartphone/PDA

# Handset 9: Apple iPhone SE

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone SE BCG-E3042A

## Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE 2.4 GHz Wi-Fi

## **Dates**

This handset model was offered from: 05/16 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

## Remarks

## Handset 10: BLU Neo X LTE

## **Handset Maker**

**BLU** 

Handset Model Name FCC ID

Neo X LTE YHLBLUNEOXLTE

# Air Interfaces/Frequency Bands

1700 MHz WCDMA

1700 MHz LTE

1900 MHz GSM

 $1900~\mathrm{MHz}~\mathrm{LTE}$ 

2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 11/16 to 12/17

M-Rating:

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

Smartphone/NDA

Remarks

## Handset 11: Bmobile C240

#### **Handset Maker**

**Bmobile** 

Handset Model Name FCC ID

C240 ZSW-10-004

## Air Interfaces/Frequency Bands

1700 MHz WCDMA 1900 MHz GSM

#### **Dates**

This handset model was offered from: 03/16 to 12/17

## **Ratings**

M-Rating:

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

Basic

#### Remarks

## Handset 12: Cat S40

#### **Handset Maker**

Cat

Handset Model Name FCC ID S40 ZL5S40

## Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 10/15 to 12/17

## **Ratings**

M-Rating: M3 T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

#### Remarks

## Handset 13: Huawei SNAPTO

#### **Handset Maker**

Huawei

Handset Model Name FCC ID

SNAPTO QISH891L

#### Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 07/15 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

#### Remarks

## Handset 14: HYUNDAI E435

#### **Handset Maker**

**HYUNDAI** 

Handset Model Name FCC ID

E435 RQQHLT-E435

#### Air Interfaces/Frequency Bands

1700 MHz WCDMA 1900 MHz GSM 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 12/15 to 12/17

## **Ratings**

M-Rating:

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

Smartphone/PDA

#### Remarks

## Handset 15: LG K7

#### **Handset Maker**

LG

<b>Handset Model Name</b>	FCC ID
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K7 ZNFK330

## Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 07/16 to 12/17

## **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

#### Remarks

# Handset 16: Motorola Moto G4 XT1625

## **Handset Maker**

Motorola

Handset Model Name FCC ID

Moto G4 XT1625 IHDT56VA5

#### Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 09/16 to 12/17

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

#### Remarks

# Handset 17: Samsung Galaxy J2 Prime

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy J2 Prime A3LSMG532M

#### Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE 2.4 GHz Wi-Fi

## **Dates**

This handset model was offered from: 11/16 to 12/17

## **Ratings**

M-Rating: M3

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

# Handset 18: Samsung Galaxy J7 6

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy J7 6 A3LSMJ710MN

## Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE 2.4 GHz Wi-Fi

## **Dates**

This handset model was offered from: 11/16 to 12/17

#### **Ratings**

M-Rating: M4

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

## Remarks

# Handset 19: Samsung GALAXY S6

## **Handset Maker**

Samsung

Handset Model Name FCC ID

GALAXY S6 A3LSMG920I

## Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE 2.4 GHz Wi-Fi

#### **Dates**

This handset model was offered from: 04/15 to 12/17

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

#### Remarks

# Handset 20: Samsung Galaxy S7

## **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S7 A3LSMG930F

#### Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE

2.4 GHz Wi-Fi

## **Dates**

This handset model was offered from: 04/16 to 12/17

#### **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

#### **Functionality Level**

Smartphone/PDA

# Handset 21: Samsung Galaxy S7 Edge

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S7 Edge A3LSMG935F

## Air Interfaces/Frequency Bands

1700 MHz WCDMA 1700 MHz LTE 1900 MHz GSM 1900 MHz LTE 2.4 GHz Wi-Fi

## **Dates**

This handset model was offered from: 04/16 to 12/17

## **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911? N

## **Functionality Level**

Smartphone/PDA

## Remarks

## Handset 22: ZTE NUBIA 5 NX501

## **Handset Maker**

**ZTE** 

Handset Model Name FCC ID

NUBIA 5 NX501 SRQ-NX501

#### Air Interfaces/Frequency Bands

1700 MHz WCDMA 1900 MHz GSM 2.4 GHz Wi-Fi

## **Dates**

This handset model was offered from: 07/14 to 12/17

M-Rating:

T-Rating:

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

## **Functionality Level**

Smartphone/PDA

Remarks

# Certification

## This Report has been certified by:

Kyle Manders General Manager 01/12/2018 04:15 PM